

REMARKS

Upon entry of the foregoing Amendment, Claims 1-16 are pending in the application.

Claims 1-8 and 10 have been amended and Claims 11-16 have been added. The amendment to Claims 1 and 2 are supported by the specification at least at paragraphs [0006] and [0018] and Figure 2. The amendment to Claims 7 and 8 are supported by the specification at least at paragraphs [0018] and [0019] and Figure 2. New Claims 11, 12, 15 and 16 are supported by the specification at least at paragraph [0022] and Figure 2. New claims 13 and 14 are supported by the specification at least at paragraph [0006] and original Claim 7. No new matter has been added by way of the present amendments, and their entry is respectfully requested.

In the Office Action of January 7, 2009, the Examiner set forth a number of grounds for rejection. These grounds are addressed individually and in detail below.

Abstract

In the outstanding Office Action, the Examiner requested Applicants to make corrections of the legal phraseology in the abstract, such as in the “said” wireless communication mode. Accordingly, Applicants are submitting an amended abstract to address the Examiner’s concern.

Claims Rejections Under 35 U.S.C. § 102(b)

Claims 7-9 stand rejected under 35 U.S.C. § 102 (b) over Nan (hereinafter “Nan”) (CN2174813Y) for the reasons set forth on pages 3-4 of the Office Action. Applicants respectfully traverse the rejection.

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. *Verdegaal*

Bros. v. Union Oil Co. of California, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987).

In this case, the amended independent Claim 7 is directed to a wireless control system for digital household appliance including at least one device, wherein the device is provided with a receiver comprising a memory unit, the system comprising: a remote controller comprising a memory unit, and configured to operate in at least two wireless communication modes, wherein the remote controller selects one wireless communication mode according to control commands to transmit the control commands and/or data stored in the memory unit of the remote controller to the receiver in the selected wireless communication mode, and wherein the receiver is configured to receive the control commands and/or the data transmitted by the remote controller and store the data transmitted by the remote controller into the memory unit of the receiver.

In contrast, Nan discloses a remote-controlled device comprising a transmitting circuit and a receiving circuit. The device of Nan operates through an infrared signal or a radio frequency signal to control a plurality of household appliances. However, Nan does not disclose a memory unit in the remote controller or in the receiver. Therefore, the device disclosed by Nan can only transmit a control command to the appliance rather than transmitting a mass of data to be processed by the appliance as presently claimed. For example, in the presently claimed invention, a picture or text file stored in the memory unit of the remote controller may be showed on a digital TV, etc., as described in Paragraphs [0074]-[0086] of the Specification.

Accordingly, Applicant respectfully submits that Nan does not anticipate independent Claim 7 since it fails to disclose each and every claimed limitation. Claims 8 and 9 are patentable over Nan because they depend from Claim 7 and recited additional patentable subject matter.

In view of the foregoing, Applicant respectfully submits that these grounds of rejection have been obviated, and withdrawal of the rejection under 35 U.S.C. §102, is respectfully requested.

Claims Rejections Under 35 U.S.C. § 103(a)

Claims 1-2 and 6 stand rejected under 35 U.S.C. §103 (a) over Nan (hereinafter “Nan”) (CN2174813Y) in view of Jeon et al. (hereinafter “Jeon”) (US2004/0249925) for the reasons set forth on pages 4-6 of the Office Action. Claims 3-5 stand rejected under 35 U.S.C. § 103 (a) over Nan and Jeon further in view of Breuer (hereinafter “Breuer”) (US2005/0076242) for the reasons set forth on pages 6-8 of the Office Action. Claim 10 stands rejected under 35 U.S.C. §103 (a) over Nan in view of Breuer for the reasons set forth on pages 8-9 of the Office Action. Applicants respectfully traverse the rejection.

To establish a *prima facie* case of obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. In re Royka, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). “All words in a claim must be considered in judging the patentability of that claim against the prior art.” In re Wilson, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970).

In this case, independent Claim 1, as amended, is directed to a remote controller for controlling digital household appliance including at least one device, the remote controller comprising: a radio unit configured to operate in at least two wireless communication modes; a control unit configured to select one of the at least two wireless communication modes; and a **memory unit**, wherein the control unit selects one wireless communication mode from the at least two wireless communication modes according to control commands inputted by a user, and

the radio unit transmits the control commands to the device for controlling operations of the device and/or transmits data stored in the memory unit to the device in the selected wireless communication mode.

In dependent Claim 7, as amended, is directed to a wireless control system for digital household appliance including at least one device, wherein the device is provided with a receiver comprising a memory unit, the system comprising: a remote controller comprising a memory unit, and configured to operate in at least two wireless communication modes, wherein the remote controller selects one wireless communication mode according to control commands to transmit the control commands and/or data stored in the memory unit of the remote controller to the receiver in the selected wireless communication mode, and wherein the receiver is configured to receive the control commands and/or the data transmitted by the remote controller and store the data transmitted by the remote controller into the memory unit of the receiver.

As discussed above, Nan neither mentions the remote controller comprising a memory unit nor discuss the remote controller transmitting data stored in the memory unit.

Jeon generally mentions a device and method for remotely controlling appliances in which a wireless terminal (such as a mobile phone) is modified to replace a remote control for controlling appliances located at a remote place. However, Jeon also fails to teach or suggest that the remote controller comprises a memory unit, and the radio unit can transmit data stored in the memory unit.

Breuer relates to access management and control for personal computing devices. It is not taught or suggested by Breuer that the remote controller can be provided with a memory unit and the data in this memory unit can be transmitted by the remote controller.

For this reason alone, Claims 1 and 7 are patentable over Nan, Jeon and Breuer because these references fail to disclose all the claim limitations.

Furthermore, neither Nan, Jeon nor Breuer teaches or suggests that the remote controller comprises a memory unit, and the radio unit can transmit data stored in the memory unit. Consequently, the present claimed invention provides an unexpected advantage that is a large volume of data in the memory unit can be transmitted to the device via the radio unit (see Paragraph [0021] of the Specification). A skilled in the art would not be able to practice the claimed invention based on Nan, Jeon and Breuer without undue experimentation. Thus, it is not obvious to one skilled in the art to derive the present invention from the prior art of record.

In view of foregoing, Applicants respectfully submit that independent Claims 1 and 7 are patentable over Nan, Jeon and Breuer. Applicants further submit that Claims 2-6, 10 and the newly added Claims 11-12 are also patentable because they depend from Claim 1 or 7 and adding additional limitations.

The grounds for this rejection have been obviated and that withdrawal of the rejections 35 U.S.C. §103 (a) is respectfully requested.

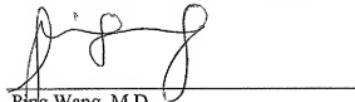
CONCLUSION

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of the application, the Examiner is invited to contact Applicants' counsel, Ping Wang, M.D. (Reg. No. 48,328), at 202.842.0217.

Respectfully submitted,

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